

REMARKS

These remarks are directed to the office action mailed September 11, 2007, setting a three month shortened statutory period for response set to expire on December 11, 2007. The office action issued by the Examiner and the citations referred to in the office action have been carefully considered.

Prompt reconsideration is requested in view of the above claim amendments and the following remarks. As indicated, amendments introduce no new matter.

Claim Rejections under 35 USC § 112

Claim 14 has been rejected under 35 USC §112 for failing to comply with the enablement requirement. Claim 14 has been canceled rendering this rejection moot.

Claim Rejections under 35 USC § 103

Claims 1, 3-4, 7, 13-16, 19, 23-24, 29 have been rejected under 35 USC §103(a) as being unpatentable over Steinbuch et al (Optimal Control of Wind Power Plants, *Journal of Wind Engineering and Industrial Aerodynamic*. (27) 1998) in view of Kos et al. (USPN 4, 193,005).

Steinbuch discloses a method in which the tip speed ratio is used as a control parameter for a wind turbine. Tip speed ratio is defined as the speed of the blade tip divided by the wind speed. Steinbuch does not disclose the subject matter of claim 1, which involves changing the blade pitch angle of a first wind turbine which is on a windward side of a second wind turbine to set the axial induction as a function of the wind direction, and of the distance to the at least one second turbine located in the lee.

Kos discloses a multi-mode control system for wind turbines. The multi-mode control system is applied on a wind turbine which has a rotor that is coupled to synchronous generator to produce electrical energy. The rotational speed of the wind turbine is therefore fixed. The control system provides a blade pitch control which pitch control is used to maintain a maximal

(or nominal) power level of the turbine at a constant rotational speed (since the generator is synchronous to the frequency of the power network).

Applicant teaches that in a turbine farm, a first turbine which is in a windward position relative to a second turbine, is set to extract less energy (less than optimal) from the wind in such a way that the wind after passing the first turbine has a higher energy content (the wake loss is reduced) and the second turbine on the lee side can extract more energy, wherein the axial induction (a) of the at least one first turbine in the farm is being set as a function of the wind direction, and of the distance to the at least one second turbine located in the lee.

Steinbuch does not teach or suggest a turbine farm according to amended claim 1. A skilled person having knowledge of Steinbuch, would not derive the subject matter of amended claim 1 from Steinbuch. Therefore, the subject matter of amended claim 1 is considered not obvious in view of Steinbuch per se.

Also, Kos does not teach a turbine farm according to amended claim 1. A skilled person having knowledge of Steinbuch and of Kos, would not derive the subject matter of amended claim 1 from a combination of Steinbuch and Kos. Therefore, it is submitted that the teaching of the present application is not obvious in view of the cited prior art.

Similarly, amended claims 19, 23 and 29 which relate to the same subject matter as claim 1 are considered to be not obvious in view of the prior art cited above.

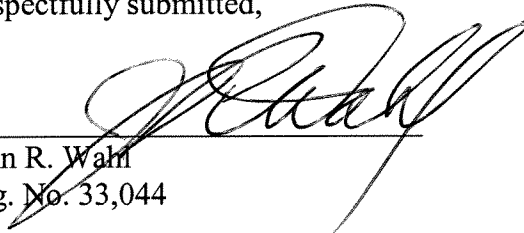
Finally, in the office action, the Examiner indicated that claim 10 contained allowable subject matter. This subject matter has been incorporated into claims 1, 19, 23, and 29. Therefore these independent claims are clearly believed to now be allowable as are the claims depending therefrom.

It is respectfully submitted that all of the Examiner's objections have been successfully traversed and that the application is now in order for allowance. Accordingly, reconsideration of the application and allowance thereof is courteously solicited.

The Director is authorized to charge any additional fee(s) or any underpayment of fee(s), or to credit any overpayments to **Deposit Account Number 50-2638**. Please ensure that Attorney Docket Number 072998-013700 is referred to when charging any payments or credits for this case.

Respectfully submitted,

Date: November 9, 2007



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